



IN THE CLAIMS:

1. (Currently Amended) A method of generating a language model ~~(7)~~ for a speech recognition system ~~(1)~~, **characterized**
—— ~~in that~~ **wherein** a first text corpus ~~(10)~~ is gradually reduced by one or various text corpus parts in dependence on text data of an application-specific second text corpus ~~(11)~~ **until a predefined criterion is met** and
in that the values of the language model are generated on the basis of the reduced first text corpus ~~(12)~~ is used.

2. (Currently Amended) A method as claimed in claim 1, **characterized**
—— ~~in that~~ **wherein** for determining the text corpus parts by which the first text corpus ~~(10)~~ is reduced, unigram frequencies in the first text corpus ~~(10)~~, in the reduced first text corpus ~~(12)~~ and in the second text corpus ~~(11)~~ are evaluated.

3. (Currently Amended) A method as claimed in claim 2, **characterized**
~~in that~~ **wherein** for determining the text corpus parts, by which the first text corpus ~~(10)~~ in a first iteration step and accordingly in further iteration steps is reduced, the following selection criterion is used:

$$\Delta F_{i, M} = \sum_{x_M} N_{\text{spez}}(x_M) \log \frac{p(x_M)}{p_{A_i}(x_M)}$$

with $N_{\text{spez}}(x_M)$ as the frequency of the M-gram x_M in the second text corpus, $p(x_M)$ as the

M-gram probability derived from the frequency of the M-gram x_M in the first training corpus and $p_{A_i}(x_M)$ as the M-gram probability derived from the frequency of the M-gram x_M in the first training corpus reduced by the text corpus part A_i .

4. (Currently Amended) A method as claimed in claim 3, **characterized**

~~in that~~ wherein trigrams are used as a basis with $M = 3$ or bigrams with $M = 2$ or unigrams with $M = 1$.

5. (Currently Amended) A method as claimed in one of the claims 1 to 4, ~~characterized in that~~ wherein a test text (15) is evaluated to determine the end of the reduction of the first training corpus (10).

6. (Currently Amended) A method as claimed in claim 5, ~~characterized in that~~ wherein the reduction of the first training corpus (10) is terminated when a certain perplexity value is reached or a certain Out of Vocabulary (OOV) rate of the test text, ~~especially when a minimum~~ is reached.

AN 7. (Currently Amended) A method of generating a language model (7) for a speech recognition system (1), ~~characterized in that~~ wherein a text corpus part of a given first text corpus is gradually extended by one or various other text corpus parts of the first text corpus in dependence on text data of an application-specific text corpus to form a second text corpus until a predefined criterion is met and in that the values of the language model (7) are generated while the second text corpus is used.

8. (Currently Amended) A method of generating an acoustic model (10) for a speech recognition system (1), ~~characterized in that~~ wherein acoustic training material representing a first number of speech utterances is gradually reduced until a predefined criterion is met by training material parts representing individual speech utterances in dependence on a second number of application-specific speech utterances and

in that the acoustic references (8) of the acoustic model (6) are formed by means of the reduced acoustic training material.

9. (Currently Amended) A method of generating an acoustic model (6) for a speech recognition system (1), ~~characterized in that~~ wherein a part of given acoustic

training material, which material represents a multitude of speech utterances, is gradually extended by one or more other parts of the given acoustic training material and in that the acoustic references ~~(8)~~ of the acoustic model ~~(6)~~ are formed by means of the accumulated parts of the given acoustic training material.

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10. (Currently Amended) A speech recognition system comprising a language model generated in accordance with ~~one of the claims 1 to 7~~ claim 1 ~~and/or an acoustic model generated in accordance with claim 8 or 9.~~

11. (New) A speech recognition system comprising an acoustic model generated in accordance with claim 8.
